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IN THE CLAIMS:

1. (Currently amended) A software system in cooperation with an implantable medical device microprocessor and circuitry to provide dynamic, real time display of capacitor charge/discharge performance and energy status, the software system comprising:

a graphical user interface indicating a plurality of status parameters for at least one capacitor operatively coupled to an implantable cardioverter-defibrillator (ICD);

means for initiating access to said plurality of status parameters; and
means for manifesting said dynamic, real time display of the status.

2. (Currently amended) ~~The~~ A software system of claim 1 wherein said means for manifesting further includes a status bar indicative of current conditions of at least one of said plurality of status parameters, and wherein an interior portion of said status bar progressively fills in as a given status parameter proceeds toward a predetermined completion status.

3. (Currently amended) ~~The~~ A software system of claim 1 further comprising wherein a cancel-operation button operatively coupled to is activated at the start of said means for initiating access.

4. (Currently amended) A software system implemented in conjunction with a microprocessor circuitry of an implantable medical device, the software system comprising:

means for displaying a plurality of capacitor status parameters for at least one capacitor operatively coupled to an implantable cardioverter-defibrillator (ICD);

means for tracking voltage/energy level at anytime during charging of said at least one capacitor; and

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means for canceling one of a display coupled to the means for tracking and a capacitor charging sequence at anytime during said charging of said at least one capacitor.

5. (Currently amended) The A software system of claim 4 wherein said means for displaying includes a charging-rate circuit operation, wherein said charging-rate circuitry is selectably operable in one of a identified as normal mode and a or slow mode.

6. (Currently amended) The A software system of claim 4 wherein said means for tracking includes a charging status display of temporal voltage/energy levels at any point during a capacitor charging sequence.

7. (Currently amended) The A software system of claim 4 wherein a capacitor charging status of a start, charging and complete condition are displayed based on the respective charging status of the capacitor.

8. (Currently amended) A capacitor charging display for at least one capacitor of an implantable medical device, displayable on a screen, the display comprising:

means for displaying a capacitor charging status;

means for displaying a starting voltage/energy;

means for displaying a target voltage/energy;

means for displaying one of an elapsed capacitor charging time and a capacitor charging rate;

means for displaying a charging circuit condition;

means for canceling a charging operations; and

means for displaying a the charging progress metric based on voltage/energy of at least one capacitor operatively coupled to an implantable medical device.

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9. (Currently amended) ~~The~~ A display of claim 8 wherein the screen comprises is a programmer screen.
10. (Currently amended) ~~The~~ A display of claim 8 wherein the screen comprises is a PC screen.
11. (Currently amended) ~~The~~ A display of claim 9 wherein the screen comprises is a PC screen remotely located from said programmer screen.
12. (Currently amended) ~~The~~ A display of claim 11 wherein said PC and programmner are connected in remote data communication therewith.